

AMENDMENTSIN THE CLAIMS:

Please cancel claims 11-14, 38-39 and 49.

Please add new claims 50-58 as follows:

E1
Seq 7
50. (New) A purified polynucleotide having a sequence selected from the group consisting of SEQ ID NOS:1-3, complete complements of SEQ ID NOS:1-3, SEQ ID NO:9, a complete complement of SEQ ID NO:9, SEQ ID NOS:14-16, complete complements of SEQ ID NOS:14-16, and degenerate coding sequences thereof.

2 st. (New) The purified polynucleotide of claim ¹50 wherein said polynucleotide is produced by recombinant techniques.

3 st. (New) The purified polynucleotide of claim ¹50 wherein said polynucleotide is produced by synthetic techniques.

4 st. (New) The purified polynucleotide of claim ¹50 wherein said polynucleotide comprises a sequence encoding at least one epitope.

Seq 27
54. (New) An isolated polynucleotide encoding a breast-tissue specific protein, the isolated polynucleotide comprising:
an amino acid sequence selected from the group consisting of SEQ ID NO:31 and a complete complement of SEQ ID NO:31.

continued
~~6~~⁵ 55. (New) The isolated polynucleotide of claim ~~54~~⁵ wherein said polynucleotide is produced by recombinant techniques.

~~7~~⁵ 56. (New) The isolated polynucleotide of claim ~~54~~⁵ wherein said polynucleotide is produced by synthetic techniques.

~~5~~⁵ 57. ~~13~~

 (New) An isolated gene comprising:
DNA having a sequence selected from the group consisting of SEQ ID
NOS:15-16, complete complements of SEQ ID NOS:15-16 and degenerate coding
sequences thereof.

~~9~~⁵ 58. (New) A purified polynucleotide having SEQ ID NO:6.
